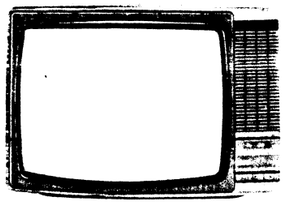
SABA Service-Schaltbild

ULTRACOLOR T 67 S 52 tc 39
ULTRACOLOR T 67 S 51 telecommander
ULTRACOLOR T 8614 S telecommander
ULTRACOLOR T 7615 S telecommander
ULTRACOLOR T 9752 S telecommander

FF 168 - T 67 S 52
FF 170 - T 67 S 51
FF 173 - T 8614 S
FF 182 - T 7615 S
FF 198 - T 9752 S



T 67 S 52

Schema di servizio · Service circuit diagram · Documentation technique

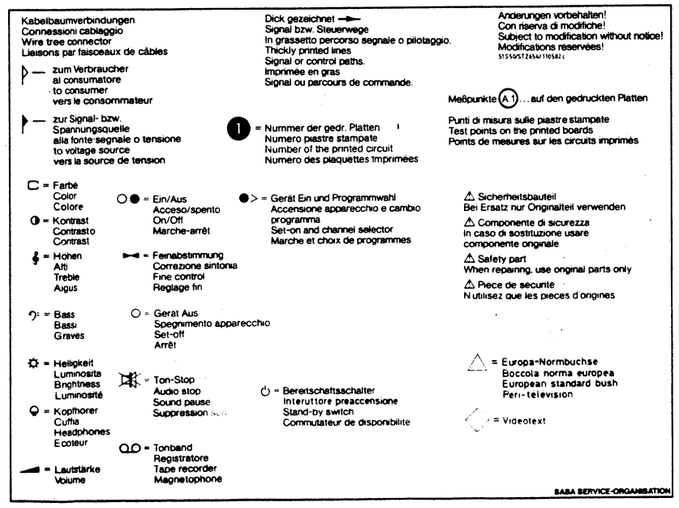
Service-Einstellungen · Regolazioni di servizio · Service Adjustments · Réglages de service

Pos. No.	Pos. No. (1) ... (32) Seite/Pagina/Page 1/2
	Hauptspannung, Tensione principale, Principal voltage, Tension principale } +145 V U1
(28)	1. ◑ ☼ min. 2. PP01 = 145 V ± 1 V (H2)
(24)	**H. Frequ., Freq. orizz.**
(25)	1. (L 4) 2. PL 02
(17)	**V. Frequ., Freq. vert.** PF 01
(26) (30)	PG 01 H.-Ampl. / PF 02 V.-Ampl.
(32) (31)	PL 01 H.-Pos. / PF 04 V.-Pos.
(27) (29)	PG 03 O/W-Ampl. / PG 02 O/W-Trapez

Pos. No.	Pos. No. (1) ... (32) Seite/Pagina/Page 1/2
(15)	**5,5 MHz min.** 1. Oscilloscope (Z9) 2. LV07: 5,5 MHz min.
(16)	**4,43 MHz min.** 1. Oscilloscope (Z9) 2. LV09: 4,43 MHz min.
(21)	**Referenz-Oszillator 4,43 MHz** **Oscillatore riferimento** A) FUBK Sendertestbild Monoscopio del trasmettitore FUBK transmitter test pattern Mire d'émetteur CC 14: +V, ± U farblos, senza colore, not coloured, sans couleur **oder, o, or, ou** B) Farbtestbild, Segnale barre colore, Color bar signal, mire a barres couleur 1. (2) (3) 2. (1) ← 4,2 ... 4,5 V extern
(21)	3. CC 14: langsames Durchlaufen der Farbbalken barre colori movimento lento until the color bars wander slowly les barres couleur défilent lentement
(22) (23)	**PAL-Ampl.:** PC 01 **Amp. PAL** **PAL-Phase:** LC 05 **Fase PAL** } Paarigkeit, Parità, Pairing, effet jalousie min.

Pos. No.	Pos. No. (1) ... (32) Seite/Pagina/Page 1/2
	Schirmgitterspannung, **Tensione griglia schermo,** **Screen grid voltage, Tension grille** 1. ◑ + ☼ − min. 2. (Z6), (Z7), (Z8) messen, misurare, measure, mesurer. 3. PU_{G2}: Katode mit der höchsten Spannung auf 160 V− einstellen. Regolare il catodo con la tensione più alta su 160 V−. Adjust the cathode with the highest voltage to 160 V DC. Régler la catode avec la plus grande tension à 160 V=.
(10) (9)	**Grauabgleich, Taratura dei grigi, Gray alignment, Règlage du gris** 1. ◑ − min. 2. ☼ − 1/2 3. PV 50 rot, rosso, red, rouge PV 70 blau, blu, blue, bleu
(19) (18) (20)	**Weißabgleich, Taratura del bianco, White Adjustment, Valeur du blanc** Schwarz/weiß-Testbild 100% weiß Monoscopio bianco/nero con bianco 100% Monochrome test pattern 100% white Mire noir/blanc avec blanc de 100% 1. ◑ − max. 2. ☼ − 1/2 3. Oscilloscope (Z7) 4. PV03 (grün, verde, green, vert): 100 V_{BA} 5. PV06 rot, rosso, red, rouge } weiß, bianco PV04 blau, blu, blue, bleu } white, blanc

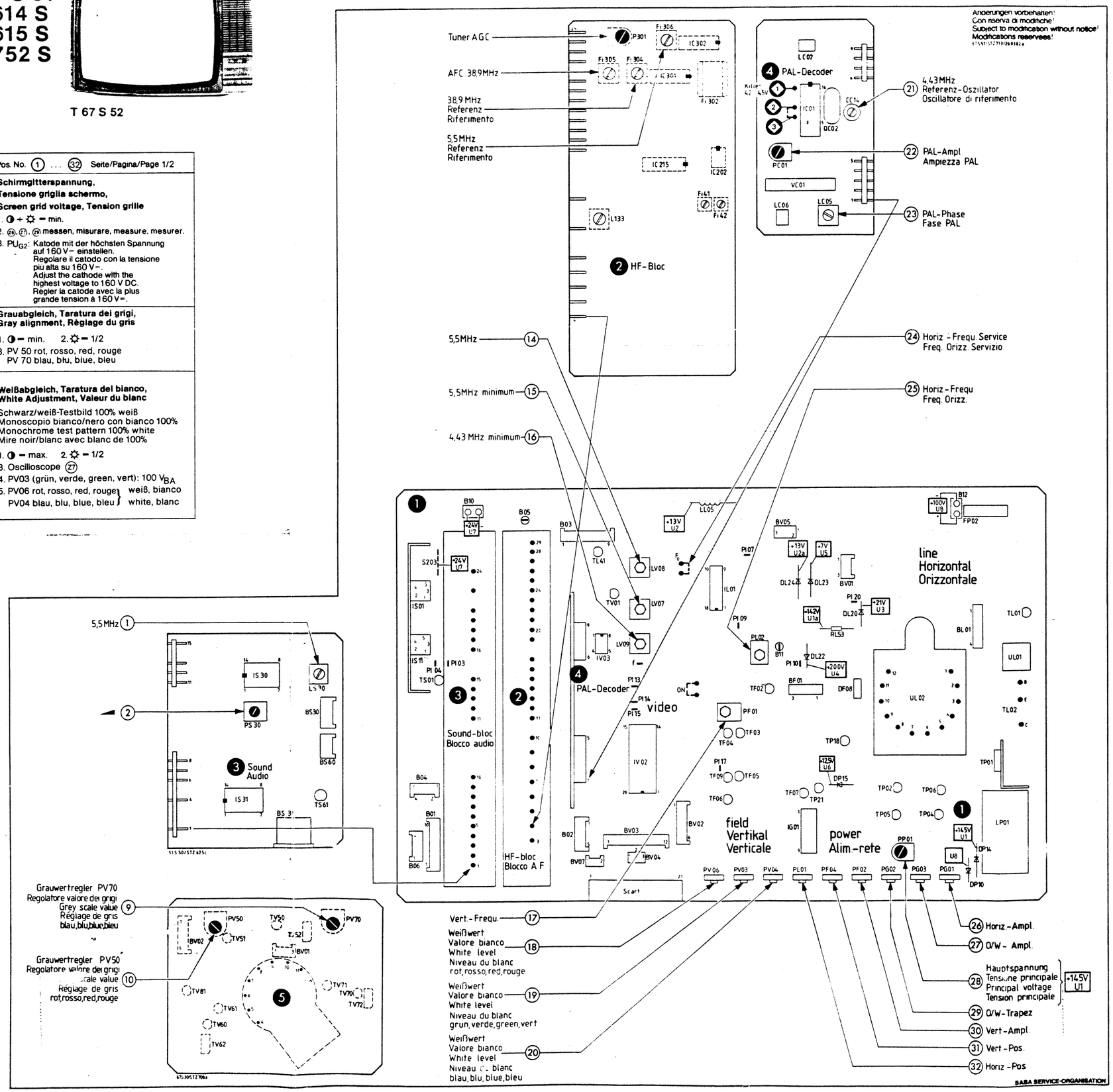
Erklärung der im Schaltbild verwendeten Symbole.
Spiegazione dei simboli usati in questo schema.
Explanation of the symbols used in the circuit diagram.
Légende des symboles utilisés dans le schéma de montage.



Bauteilekennzeichnung der Funktionsstufen
Codice componenti con sigla dello stadio
Signification of components of the stages
Désignation des composants et des circuits

RC, CC, DC, TC, LC	etc.	→ Chroma	(PAL-Decoder, Decoder PAL)
RF, CF, DF, TF, LF	etc.	→ Field	(Vertikal, verticale)
RL, CL, DL, TL, LL	etc.	→ Line	(Horizontal, orizzontale)
RP, CP, DP, TP, LP	etc.	→ Power	(Netzteil, alim. rete)
RS, CS, DS, TS, LS	etc.	→ Sound	(Audio)
RV, CV, DV, TV, LV	etc.	→ Video	(Video)

Service-Lageplan · Posizione regolatori di servizio · Layout diagram · Disposition des régleurs


Änderungen vorbehalten!
Con riserva di modifiche!
Subject to modification without notice!
Modifications reservees!
Tuner AGC
AFC 38,9MHz
38,9 MHz Referenz Riferimento
5,5MHz Referenz Riferimento
5,5MHz (14)
5,5MHz minimum (15)
4,43 MHz minimum (16)
Vert.-Frequ. (17)
Weißwert Valore bianco White level Niveau du blanc rot,rosso,red,rouge (18)
Weißwert Valore bianco White level Niveau du blanc grun,verde,green,vert (19)
Weißwert Valore bianco White level Niveau du blanc blau,blu,blue,bleu (20)
4 PAL-Decoder
21 4,43MHz Referenz-Oszillator Oscillatore di riferimento
22 PAL-Ampl Ampiezza PAL
23 PAL-Phase Fase PAL
2 HF-Bloc
24 Horiz.-Frequ Service Freq. Orizz. Servizio
25 Horiz.-Frequ Freq. Orizz.
line Horizontal Orizzontale
3 Sound-bloc Blocco audio
video
field Vertikal Verticale
power Alim.-rete
PAL-Decoder
HF-bloc Blocco A F
Scart
26 Horiz.-Ampl.
27 O/W- Ampl.
28 Hauptspannung Tensione principale Principal voltage Tension principale +145V U1
29 O/W-Trapez
30 Vert.-Ampl.
31 Vert.-Pos.
32 Horiz.-Pos
5,5MHz (1)
Grauwertregler PV70 Regolatore valore dei grigi Grey scale value Réglage de gris blau,blu,blue,bleu (9)
Grauwertregler PV50 Regolatore valore dei grigi Grey scale value Réglage de gris rot,rosso,red,rouge (10)
3 Sound Audio
5
SABA SERVICE-ORGANISATION

❶ Chassis
Telaio
Chassis
Chassis

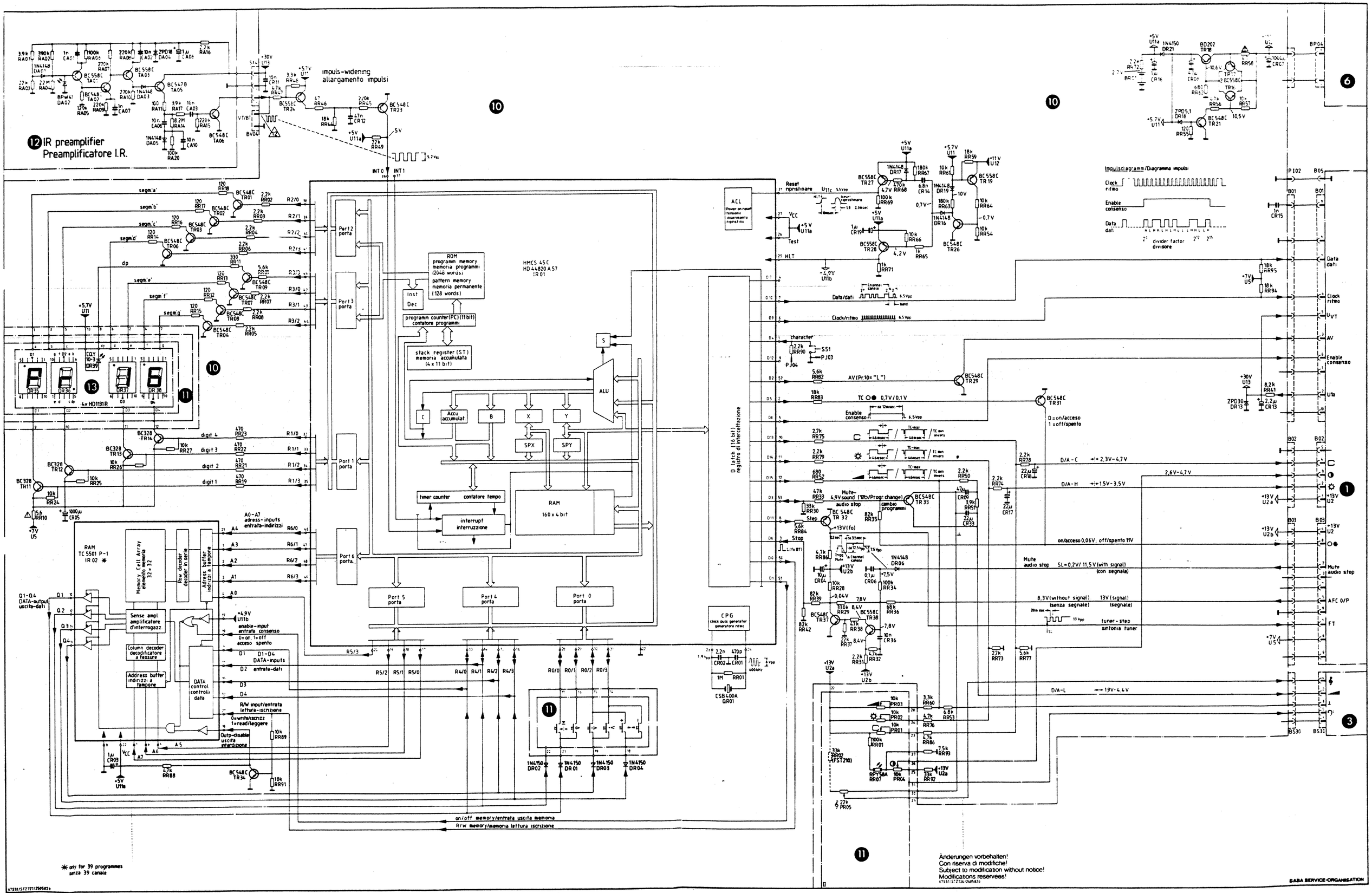
❸ Sound-bloc I
CCIR
Blocco audio I
CCIR
No. 81000 008 00

❻ Netzteilplatte
Piastra di rete
Mains board
Platine secteur

❿+⓫+⓭ Steuer/Reglerplatte III/II No. 81050 305 00
Piastra pilotaggio/regolatori
Control system/control panel
Platine de commande/potentiometres
} T 67 S 52

❿+⓫+⓭ Steuer/Reglerplatte II/II No. 81140 305 00
Piastra pilotaggio/regolatori
Control system/control panel
Platine de commande/potentiometres
} T 67 S 51 / T 7615 S / T 8614 S / T 9752 S

⓬ IR-Vorverstärker
Preamplificatore IR
IR pre-amplification
Preamplification
No. 81000 011 00



❶ Chassis
Telaio
Chassis
Chassis

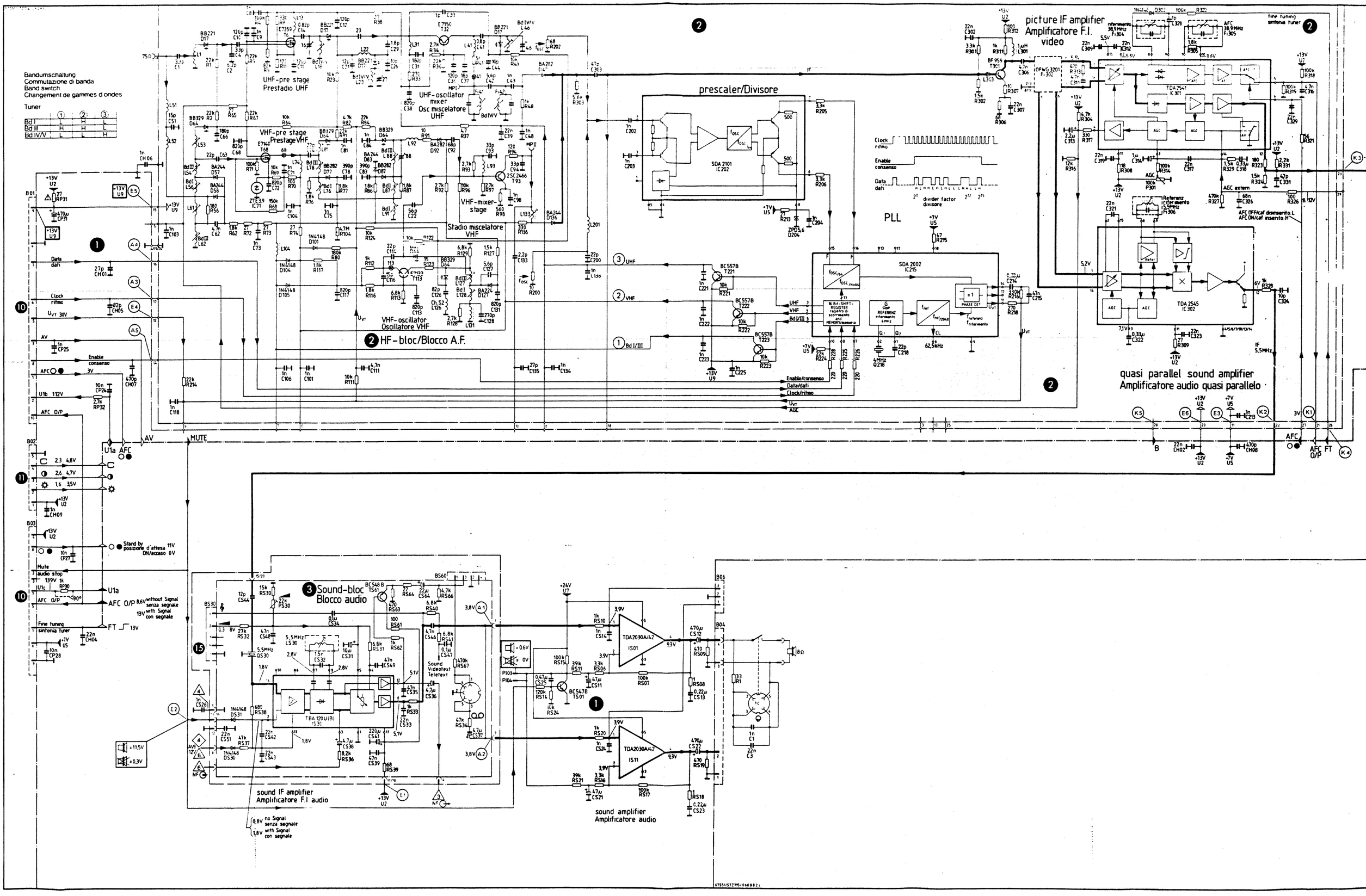
❷ HF-bloc No. 80946 100 00
MTS 2020
quasi parallel
Blocco A. F. MTS 2020
quasi parallelo

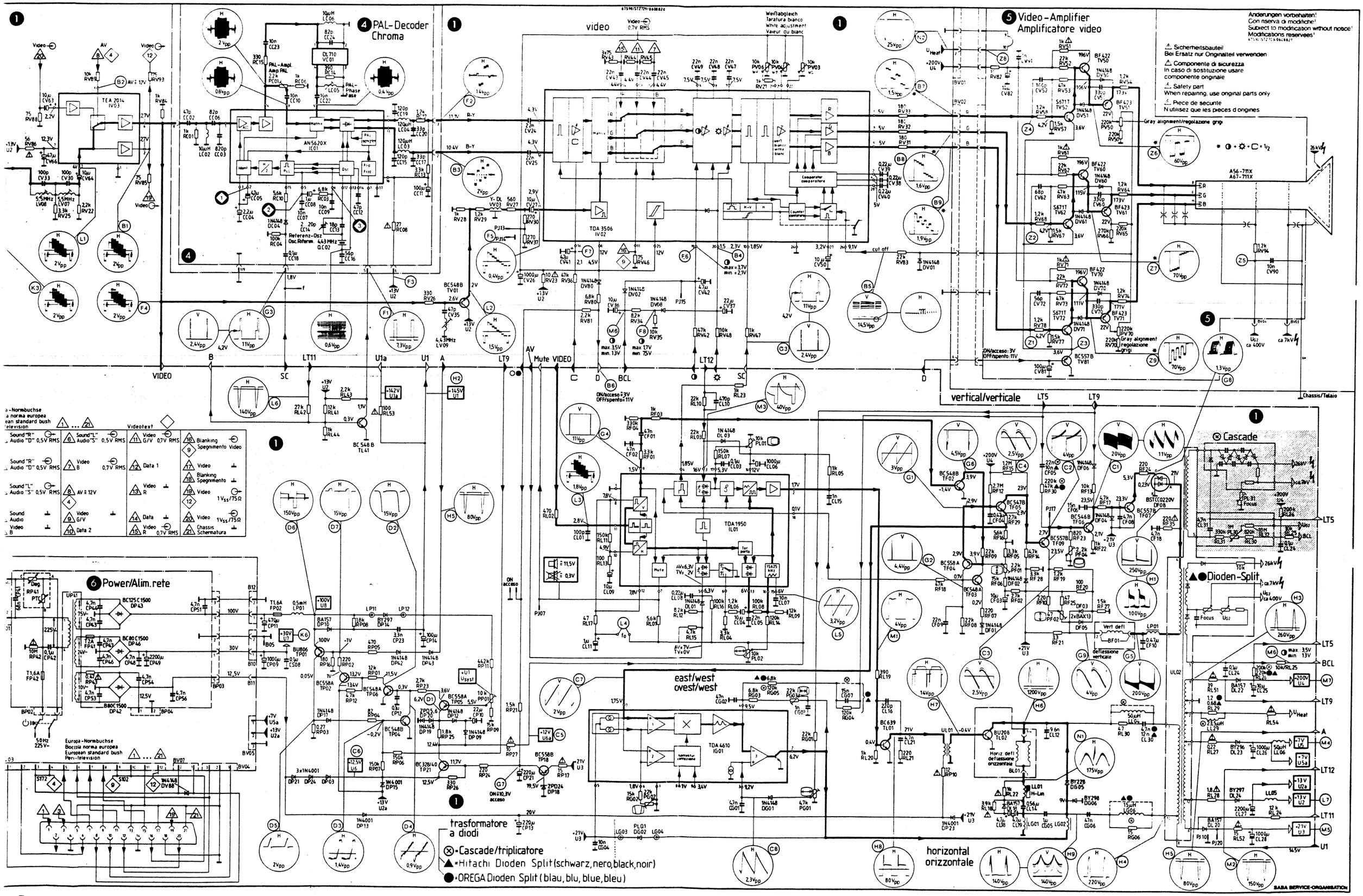
❸ Sound-bloc I No. 81000 008 00
CCIR
Blocco audio I
CCIR

❹ PAL-Decoder No. 81000 006 00
Decoder PAL

❺ Bildrohren-Platte No. 81150 055 00
Piastra cinescopio
CRT-Board
Platine du tube-image

❻ Netzteilplatte
Piastra di rete
Mains board
Platine secteur




video
Video – 0.7V RMS
Weißabgleich
Taratura bianco
White adjustment
Valeur du blanc
4 PAL-Decoder Chroma
TEA 2014 IV03
AN5620X IC01
TDA 3506 IV02
TDA 1950 IL01
TDA 4610 IG01
5 Video-Amplifier
Amplificatore video
AS6-711X
A67-711X
Änderungen vorbehalten!
Con riserva di modifiche!
Subject to modification without notice!
Modifications reservees!
Sicherheitsbauteil
Bei Ersatz nur Originalteil verwenden
Componente di sicurezza
In caso di sostituzione usare componente originale
Safety part
When repairing, use original parts only
Piece de securite
N'utilisez que les pieces d'origines
Gray alignment/regolazione grigi
Chassis/Telaio
vertical/verticale
horizontal
orizzontale
east/west
ovest/west
6 Power/Alim.rete
Europa-Normbuchse
Boccola norma europea
European standard bush
Peri-television
Videotext
Sound "R" Audio "D" 0,5V RMS
Sound "L" Audio "S" 0,5V RMS
Video G/V 0,7V RMS
Video B 0,7V RMS
Video R 0,7V RMS
Video Y 1Vss/75Ω
Chassis Schermatura
Blanking Spegnimento Video
AV = 12V
Data 1
Data 2
trasformatore a diodi
⊗=Cascade/triplicatore
▲=Hitachi Dioden Split (schwarz, nero, black, noir)
●=OREGA Dioden Split (blau, blu, blue, bleu)
Cascade
Dioden-Split
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